

COMMITTEE ON BIOPHYSICS

THE UNIVERSITY OF CHICAGO

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CHICAGO 37 • ILLINOIS

December 8, 1955

Dr. Joshua Lederberg
Department of Genetics
University of Wisconsin
Madison, Wisconsin

Dear Josh:

As you may know from a message I sent by way of a boy who passed through, I have had some trouble getting W67 to grow. The original slant must have been autoclaved. All the others are blooming and we make the cross tomorrow. $Lac^- \times Lac^+$

With regard to your remarks about the kinetics of the lac_1^- stain, two remarks:

- 1) We have planned such experiments but are awaiting the acquisition of enough TMG to induce this strain.
- 2) Monod says that even when induced by TMG this organism cannot utilize lactose. Do you agree?

I enclose a postcard giving the address of a large manufacturer of sylphon bellows. I noticed from their catalog here that they had bellows in brass that had responses ranging from .002 to 0.60 inches/pound/square inch pressure. *you can buy them one at a time.*

I certainly enjoyed my visit with you and Esther and am very enthusiastic about our seeing each other more often in the future.

Sincerely,

Novick

Aaron Novick

AN:sk
Encl.

P.S. A. Kolin leaves Chicago on Dec 20 for Biophysics Dept., UCLA. I said you would send a reprint request card timed to arrive ~ Jan 1. His most recent papers, which give all references, are in Naturwissenschaften, Heft 12, 1955. P.N.A.S. - March 1955. He is eager to help you in any way you wish.

P.S. I'm having some trouble finding my records on lac_1^- about the chemostat F change 1955